

Inventor: Beech, Philip Michael
Serial No.: 10/591,794
Filing Date:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

BEECH, Philip Michael et al

Serial No.: 10/591,794

Filing Date:

Title: Non-thermal Plasma Reactor

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Attn: Ms. Charitta Burt
Fax No. 571-270-9832

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF NONPROVISIONAL APPLICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Mail Stop Missing Parts

Attention: Ms. Charitta Burt

Ms. Burt:

Thank you for taking my assistant's telephone call the other day. As you were advised, the Declaration by the inventors was previously filed and acknowledged by the Patent Office for this application. We are resubmitting herewith copies of the documents submitted on October 12, 2006, and request that the application be given the filing date when the documents were originally submitted, that is October 12, 2006.

In response to the Formalities Letter dated March 9, 2007, there are submitted herewith the following:

1. A copy of the Formalities Letter.
2. A copy of Form PTO-1390 originally filed by facsimile on October 12, 2006, and representing a second submission, comprised of the declaration of the inventors (4 pages), and Form PTO-2038 in payment of the surcharge for late filing of the declaration.

Also submitted are copies of the Certificate of Transmission

Inventor: Beech, Philip Michael
Serial No.: 10/591,794
Filing Date:

dated October 12, 2006, and the Auto-Reply Facsimile Transmission from the USPTO dated 10/12/2006.

Thank you for your assistance in this matter.

Respectfully submitted,

April 19, 2007

Date

William H. Holt

William H. Holt
Reg. No. 20766
Customer No. 25628

Law Offices of William H. Holt
12311 Harbor Drive
Woodbridge, VA 22192

Telephone: 703-491-8880
Facsimile: 703-491-8444

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, to the attention of Ms. Charitta Burt at Facsimile No. 572-270-9832 on April 19, 2007.

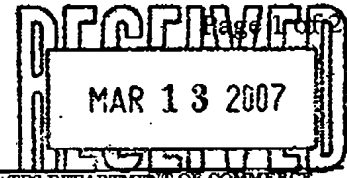
Kathleen Holt
Signature

Kathleen Holt
Name



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO. 10/591,794	FIRST NAMED APPLICANT Philip Michael Beech	ATTY. DOCKET NO. BEECH-15830
INTERNATIONAL APPLICATION NO. PCT/GB05/00882		
I.A. FILING DATE 03/08/2005		PRIORITY DATE 03/09/2004

25628
LAW OFFICES OF WILLIAM H. HOLT
12311 HARBOR DRIVE
WOODBIDGE, VA 22192

CONFIRMATION NO. 4652

371 FORMALITIES LETTER

OC000000022823465

Date Mailed: 03/09/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/06/2006
- Copy of the International Search Report filed on 09/06/2006
- Preliminary Amendments filed on 09/06/2006
- Information Disclosure Statements filed on 09/06/2006
- Oath or Declaration filed on 09/06/2006
- Request for Immediate Examination filed on 09/06/2006
- U.S. Basic National Fees filed on 09/06/2006
- Priority Documents filed on 09/06/2006

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - does not identify the application to which it is directed.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,794	PCT/GB05/00882	BEECH-15830

FORM PCT/DO/EO/905 (371 Formalities Notice)

PTO/SB/97 (08-03)

Approved for use through 07/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

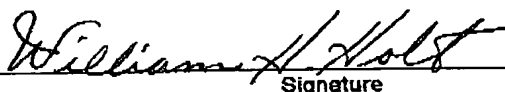
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent and Trademark Office, Office of PCT Operations
Fax No. 571-273-3201.

on October 12, 2006.

Date



Signature

William H. Holt

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify
each submitted paper.

Correspondence includes:

Form PTO-1390, Combined Declaration and Power
of Attorney (4 pages) and Form PTO-2038.

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER BEECH-15830
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/2005/000882	INTERNATIONAL FILING DATE 8 March 2005	PRIORITY DATE CLAIMED 9 March 2004; 27 January 2005
TITLE OF INVENTION NON-THERMAL PLASMA REACTOR		
APPLICANT(S) FOR DO/EO/US BEECH, Philip, Michael; GUY, Craig, Stephen; HALL, Stephen, Ivor; WEEKS, David, Michael; SHAWCROSS, James, Timothy; LIDDELL, Thomas, Mark		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input type="checkbox"/> Other items or information: 		

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (USA)
(INCLUDING DESIGN PATENT APPLICATIONS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **Non-thermal plasma reactor**

the specification of which is attached hereto, unless the following box is checked:

☒ was filed on 8 March 2005 as United States Application Number or PCT International Application Number PCT/GB2005/000882 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or 385(b) of any foreign application(s) for patent or inventor's certificate, or 385(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed:

<u>04 05185.0</u> (Number)	<u>United Kingdom</u> (Country)	<u>09 March 2004</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<u>05 01541.7</u> (Number)	<u>United Kingdom</u> (Country)	<u>27 January 2005</u> (Day/Month/Year Filed)	Priority Claimed <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

☐ Additional applications identified on attached sheet.

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

_____ (Application Number)	_____ (Filing Date)
-------------------------------	------------------------

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or 385(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Application Serial Number)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
_____ (Application Serial Number)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)

☐ Additional applications identified on attached sheet.

I hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

William H. Holt, Reg. No. 20766; D. Peter Hochberg, Reg. No. 24603; Howard M. Ellis, Reg. No. 25856; David J. Serbin, Reg. No. 30589

Direct all telephone calls to **WILLIAM H. HOLT, Telephone Number: (703) 491-8880**
Address all correspondence to **LAW OFFICES OF WILLIAM H. HOLT, 12311 Harbor Drive, Woodbridge, VA 22192**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of Sole or First Inventor James Timothy SHAWCROSS	Inventor's Signature <i>James Shawcross</i>	Date 18th August 2006
Residence Charlbury, Oxfordshire, United Kingdom		Citizenship British
Post Office Address c/o Accentus plc, c/o Nova Capital, First Floor, Schomberg House, 80-82 Pall Mall, London SW1Y 5HF, United Kingdom		
Full name of Second Joint Inventor Philip Michael BEECH	Inventor's Signature <i>M Beech</i>	Date 18th August 2006
Residence Didcot, Oxfordshire, United Kingdom		Citizenship British
Post Office Address c/o Accentus plc, c/o Nova Capital, First Floor, Schomberg House, 80-82 Pall Mall, London SW1Y 5HF, United Kingdom		
Full name of Third Joint Inventor Craig Stephen GUY	Inventor's Signature <i>Craig Guy</i>	Date 18-8-2006
Residence Abingdon, Oxfordshire, United Kingdom		Citizenship British
Post Office Address c/o Accentus plc, c/o Nova Capital, First Floor, Schomberg House, 80-82 Pall Mall, London SW1Y 5HF, United Kingdom		

☒ See attached sheet for similar information and signatures for additional joint inventors.

LAW OFFICES OF WILLIAM H. HOLT, 12311 HARBOR DRIVE, WOODBRIDGE, VA 22192

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/2005/000882		ATTORNEY'S DOCKET NUMBER BEECH-15830	
The following fees are submitted:				CALCULATIONS PTO USE	
24. <input type="checkbox"/> Basic national fee				\$300	\$0.00
25. <input type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)				\$100	\$0.00
All other situations				\$200	
26. <input type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority				\$100	
International Search Report prepared and provided to the Office				\$400	\$0.00
All other situations				\$500	
TOTAL OF 24, 25 and 26 =					\$0.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
- 100 =	0	/50 = 0		x \$250.00	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).					\$130.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =	0	x	\$50.00	\$0.00
Independent claims	- 3 =	0	x	\$200.00	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>				+ \$360.00	\$0.00
TOTAL OF ABOVE CALCULATIONS =					\$130.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$0.00
SUBTOTAL =					\$130.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					\$0.00
TOTAL NATIONAL FEE =					\$130.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property				+	\$0.00
TOTAL FEES ENCLOSED =					\$130.00
				Amount to be	\$
				Amount to be	\$
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 082670. A duplicate copy of this sheet is enclosed.</p> <p>d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the international Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p>Customer No. 25628 William H. Holt 12311 Harbor Drive Woodbridge, VA 22192 Phone: 703-491-8880; Fax: 703-491-8444</p>					
				<p><i>William H. Holt</i> SIGNATURE William H. Holt NAME 20766 REGISTRATION NUMBER</p>	